

# LIQUID CRYSTAL DISPLAY MODULE

## Abstract

A liquid crystal display (LCD) module is provided. The LCD module includes a housing that includes a plurality of openings formed in a lower surface of the housing, an LCD panel formed within the housing, a flexible printed circuit board (FPCB) formed on the edge of the peripheral circuit area of the LCD panel. The FPCB has a extending portion and a plurality of light emitting diodes (LEDs) formed below the lower surface of the extending portion. The LEDs of the FPCB inset into corresponding openings of the housing when the extending portion of the FPCB crosses the edge of the LCD panel and is deflexed to the lower surface of the housing.